

Latiker, Tamika

From: Shoven, Heather
Sent: Monday, December 14, 2015 3:44 PM
To: Harris, Kimberly
Subject: FW: Flint Citizen Concern -- Phosphate Exposure for residents near entry point to distribution system

Hi Kim,

I am heading out to the vet with my dog. I appreciate you responding to Mr. Woodson this afternoon.

Best wishes,
Heather

Heather A. Shoven | Enforcement Team Leader | U.S. Environmental Protection Agency, Region 5
Ground Water and Drinking Water Branch | 77 W. Jackson Blvd (WG-15J) | Chicago, IL 60604 | 312-886-0153

From: Shoven, Heather
Sent: Friday, December 11, 2015 2:46 PM
To: Harris, Kimberly <harris.kimberly@epa.gov>
Cc: Bair, Rita <bair.rita@epa.gov>
Subject: RE: Flint Citizen Concern -- Phosphate Exposure for residents near entry point to distribution system

Hi Kim,

I am leaving for the day. If you by chance hear back on the phosphate information could you respond to Arthur Woodson? His email address is (b) (6)

I can get back to him next week as well. Thanks and have a happy weekend.

Best wishes,
Heather

Heather A. Shoven | Enforcement Team Leader | U.S. Environmental Protection Agency, Region 5
Ground Water and Drinking Water Branch | 77 W. Jackson Blvd (WG-15J) | Chicago, IL 60604 | 312-886-0153

From: Harris, Kimberly
Sent: Friday, December 11, 2015 9:40 AM
To: Shoven, Heather <shoven.heather@epa.gov>
Cc: Bair, Rita <bair.rita@epa.gov>
Subject: Re: Flint Citizen Concern -- Phosphate Exposure for residents near entry point to distribution system

Hi Heather,

I have a draft health statement but ran into a snag when I found out that other parties are in development or have developed statements. Awaiting word back from Tim Henry now on how to proceed [whether to finalize our statement or not). We should be able to email the citizen something very soon - just need to decide which reference source to use.

Thanks,
Kim

Kimberly Harris
Health Effects Specialist/Bacteriologist
U.S. EPA-Region 5
77 W. Jackson Boulevard
Chicago, Illinois 60604
(312) 886-4239
harris.kimberly@epa.gov

From: Shoven, Heather
Sent: Friday, December 11, 2015 9:28 AM
To: Harris, Kimberly
Subject: Flint Citizen Concern -- Phosphate Exposure for residents near entry point to distribution system

Hi Kim,

I received a phone call from Arthur Woodson in Flint and he is concerned about the high levels of phosphate being added at the treatment plant (see announcement below). He wanted to know the effects of exposure to high levels of phosphate for residents that live near the treatment plant. Do you have any health effects information regarding phosphate exposure in drinking water? I said that I would follow-up and email him some health effects information.

I appreciate your time.

Best wishes,
Heather

Heather A. Shoven | Enforcement Team Leader | U.S. Environmental Protection Agency, Region 5
Ground Water and Drinking Water Branch | 77 W. Jackson Blvd (WG-15J) | Chicago, IL 60604 | 312-886-0153

From: Porter, Andrea
Sent: Friday, December 11, 2015 9:11 AM
To: Deltoral, Miguel <deltoral.miguel@epa.gov>; Schock, Michael <Schock.Michael@epa.gov>; Lytle, Darren <Lytle.Darren@epa.gov>; Shoven, Heather <shoven.heather@epa.gov>; Crooks, Jennifer <crooks.jennifer@epa.gov>; Harris, Kimberly <harris.kimberly@epa.gov>; Bosscher, Valerie <bosscher.valerie@epa.gov>
Cc: Poy, Thomas <poy.thomas@epa.gov>; Damato, Nicholas <damato.nicholas@epa.gov>; Bair, Rita <bair.rita@epa.gov>
Subject: flint article --> "Flint will pay for independent water tests, added phosphate treatment"

Hi All,

Here's another article on Flint:

Source = http://www.mlive.com/news/flint/index.ssf/2015/12/flint_will_pay_for_independent.html

"Flint will pay for independent water tests, added phosphate treatment

FLINT, MI -- The city has hired a contractor to do what it did not on its own -- search out and test water in homes that are most likely to have the highest lead levels.

Mayor Karen Weaver and City Administrator Natasha Henderson announced the city will spend up to \$75,000 to locate and test for lead in water in at least 150 homes and businesses served by lead service lines, which are most prone to leech lead into drinking water.

Professional Service Industries Inc. will also test water samples from Flint in its own labs, which are certified by the state and federal governments.

Weaver and Henderson also said the city has begun to boost the volume of phosphates in Flint water by adding more of the mineral once water arrives here through the Detroit water system pipeline.

"I'm really happy about today ... really pleased ... This is a move forward for us," Weaver said in a news conference Thursday, Dec. 10. "This is a way to increase public confidence ... We're going above and beyond what's required."

The decision to hire PSI to test water from high-risk homes comes after a Flint Journal-MLive story in November showed Flint officials disregarded federal rules that required them to seek out homes at high risk for elevated lead levels while doing their own water sampling earlier this year.

The city certified to state regulators earlier this year that its water samples came from homes where residents were at the highest risk of lead poisoning.

Records obtained by The Journal, however, showed those claims were false and that water samples were in most cases taken from homes with non-lead service lines or from homes for which the city had no information about the transmission line material.

Flint Utilities Director Mike Glasgow said Thursday that it's possible the city will have to excavate some service lines to be sure of what the lines are made of.

Flint officials have said the city's utility records are in disarray and not easily accessible, stored on about 40,000 hand-written index cards and maps.

"I doubt we will be able to do them all without digging up at least a few lines," Glasgow said.

Glasgow had told the City Council earlier this week about the plan to boost phosphates by adding 2.5 milligrams per liter -- on top of 1 milligram per liter that's added by the Detroit water system.

Weaver said the higher level of phosphates is designed to lower lead levels and to aid in rebuilding a protective coating - or scale -- that makes pipes less prone to lead leaching.

The city has said the coating in water pipes was damaged during the 17 months that the city used the Flint River as its water source because of how corrosive the river was.

The state Department of Environmental Quality has said it should have required the city to treat the river water to make it less corrosive before Flint was reconnected to the Detroit water system last month.

Henderson said the contract with PSI will cost as little \$40,000 and not more than \$75,000."

Thanks,
Andrea Porter

Environmental Engineer
Ground Water & Drinking Water Branch
U.S. EPA, Region 5 (WG-15J)

77 W. Jackson Blvd.
Chicago, IL 60604
Phone: 312-886-4427
Fax: 312-697-2656